

APPENDIX OF CLAIMS AFTER AMENDMENT

1. A technique for bilevel printing of an image or figure comprising:
 - providing an inkjet printhead having a nozzle pitch of a first resolution;
 - creating a higher resolution bitmap which resolution is greater than the first resolution;
 - eliminating alternate pixel rows from the higher resolution bitmap thereby converting the higher resolution bitmat for printing onto an asymmetrical pixel grid having the first resolution in one axis and the higher resolution in a second axis, wherein said converting includes applying a depletion pattern only in the axis of higher resolution.
2. The technique of claim 1 wherein said converting includes applying a narrowing process only in the axis of higher resolution while preserving any vertical edge pixels of the figure.
3. The technique of claim 1 wherein said converting includes applying a logical operation on certain rows of the higher resolution bitmap to determine whether or not to preserve any "on" pixels which are in the eliminated alternate pixel rows as a result of printing onto the asymmetrical pixel grid.
4. The technique of claim 3 wherein said applying includes applying a logical operation on one of the eliminated alternate pixel rows and its two adjacent rows of the higher resolution bitmat.
5. The technique of claim 1 wherein said first resolution is approximately 600 dpi.
6. The technique of claim 5 wherein said asymmetrical pixel grid is approximately 600 dpi in the media advance axis and approximately 1200 dpi in the carriage scan axis.